

2. (Twice amended) The process of claim 1 wherein said properties are water and oil holding capacities.

10. (Twice amended) A process to reduce the water holding capacity and oil retention properties of dietary fibers consisting essentially of indigestible fiber selected from the group consisting essentially of dietary cellulose and wheat fibers, comprising preparing a suspension of said fibers in a liquid media, applying an abrupt pressure change to said suspension by means of a piston driven by a compressive air force of about 60 to about 90 psi for about 0.1 to 0.2 sec. and recovering a modified fiber having said reduced properties.

11. (Twice amended) A process to increase the water holding capacity and oil retention properties of dietary fibers consisting essentially of indigestible fiber selected from the group consisting essentially of dietary soy, wheat bran, oat and oat hull, comprising preparing a suspension of said fibers in a liquid media, applying an abrupt pressure change to said suspension by means of a piston driven by a compressive air force of about 60 to about 90 psi for about 0.1 to 0.2 sec. and recovering a modified fiber having said increased properties.

Add the following claim:

18. (NEW) The process according to claim 1 wherein said particulate dietary fiber material is derived from the group consisting of apple fiber, bran fiber, fig powder, barley bran flour, barley four, high protein, barley fiber brewer's spent grains, oat bran, oat fiber barley, rice, malted germ, pea fiber, bleached corn fiber, powdered cellulose, carrageen gum cellulose gum, prunes, citrus fiber, rice bran, de-fatted cocoa, rice bran-stabilized, corn bran, rice fiber, corn fiber, cellulose fibers, corn flour, soy fiber, corn husks, sugar beet

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E3 fiber, dried cranberries, wheat bran de-fatted, wheat germ, wheat fiber, oat husks, wheat flour, peanut flour, combinations of any number of the above fibers, blends of above fibers in a raw state with their pressure treated versions.
